UNITED STATES PATENT & TRADEMARK OFFICE

Examiner: OGUNBIYI, Oluwatosin A. Art Unit: 1645

Applicant: THIRY, Michel, et al.

Serial No.: 10/574,639

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For: PISCIRICKETTSIA SALMONIS

ANTIGENS AND USE THEREOF

Confirmation No. 4135

SECOND RESPONSE UNDER 37 C.F.R. § 1.116

Mail Stop AF

Commissioner for Patents January 5, 2010

P.O. Box 1450

Alexandria, Virginia 22313-1450

Sir:

In response to the Office Action dated August 18, 2009 and the Advisory Action dated December 4, 2009, the following amendments and remarks are provided. A Petition for a two-month extension of time is also enclosed, together with the required fee for a large entity.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 8 of this paper.

CERTIFICATE OF ELECTRONIC TRANSMISSION
I hereby certify that this document is being electronically transmitted to the Commissioner for Patents via

EFS-Web on January 5, 2010 LUCAS & MERCANTI, LLP

BY: Akiko Sakadami